

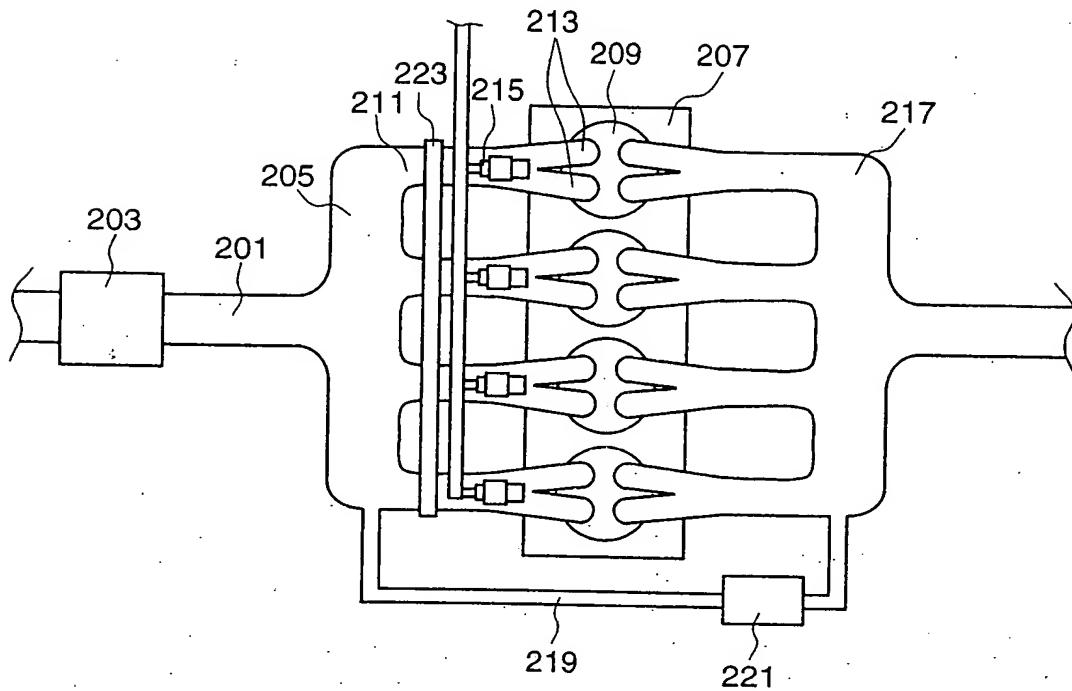
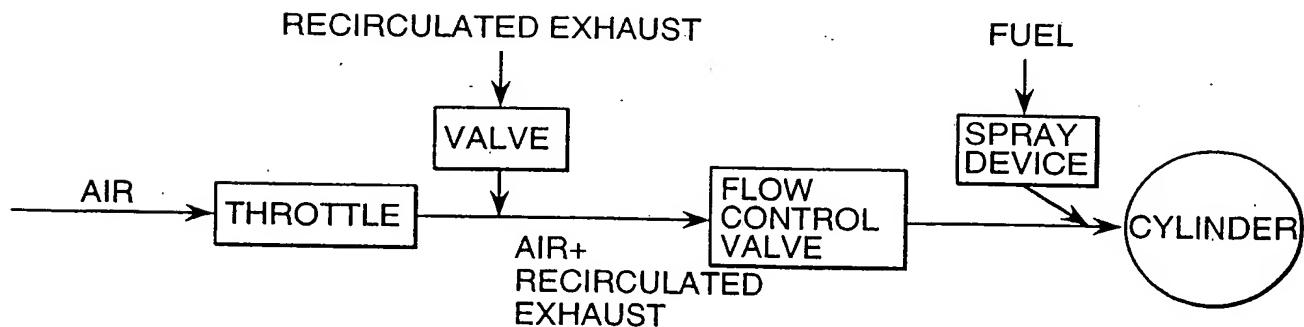
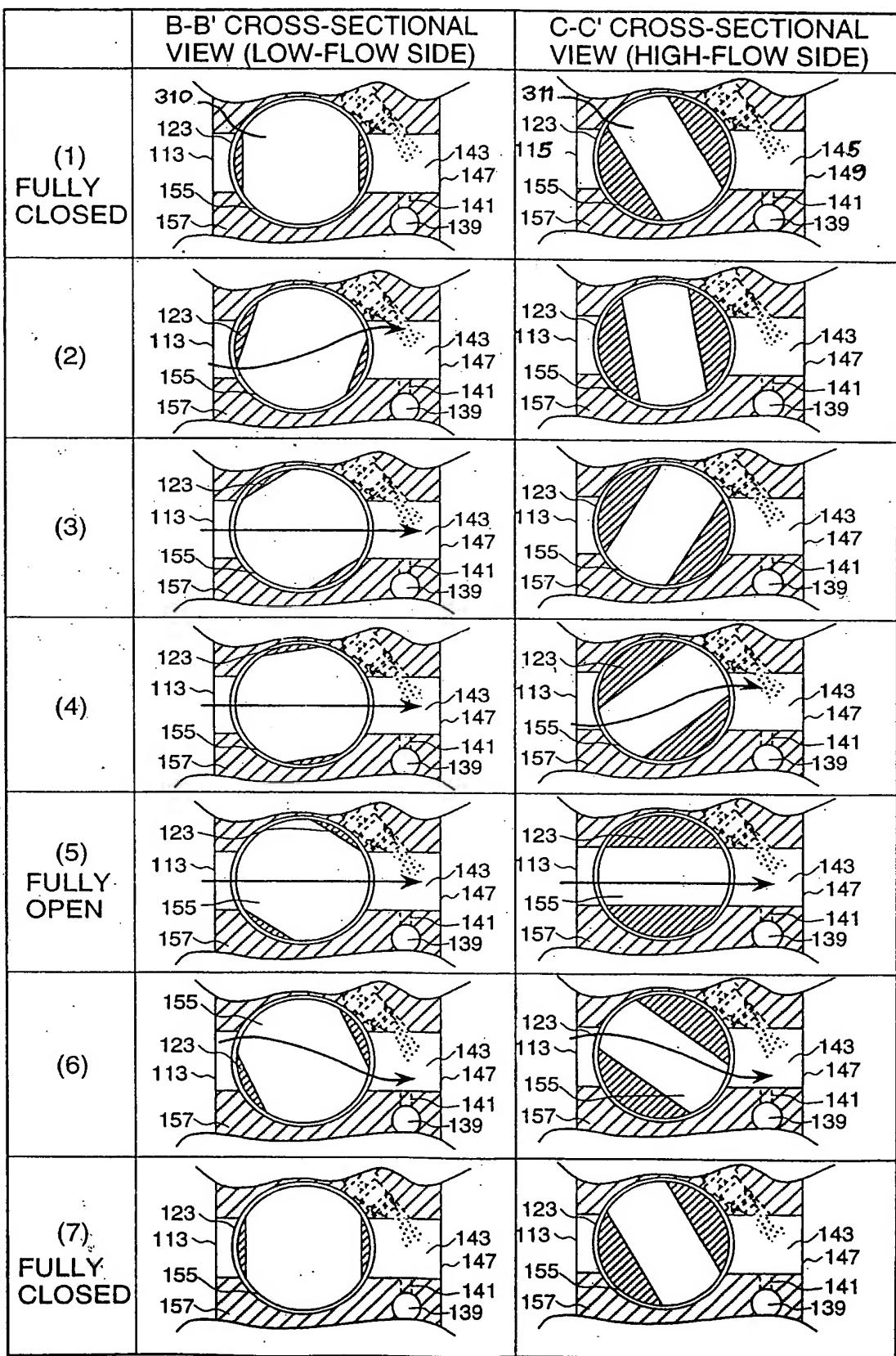
**FIG. 5 PRIOR ART****PRIOR ART****FIG. 6**

FIG. 10

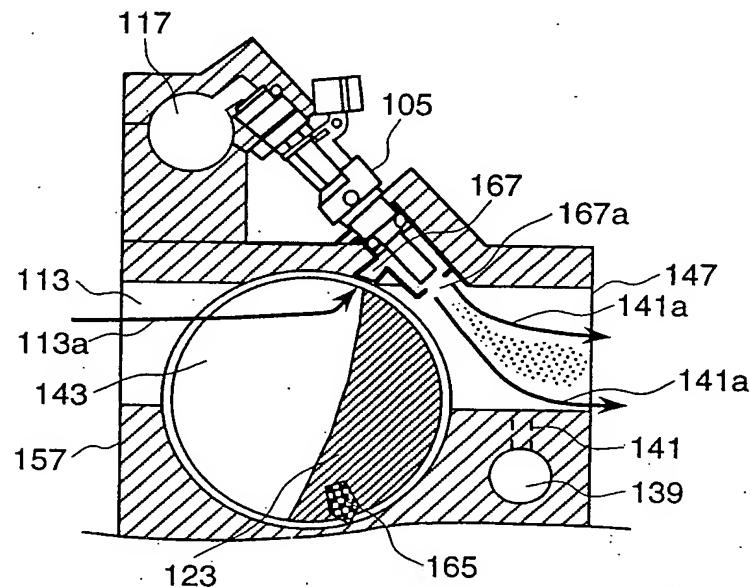
↑  
WHEN VALVE IS ROTATED IN R-DIRECTION  
↓  
WHEN VALVE IS ROTATED IN F-DIRECTION



## FIG. 36

(PARTIAL CROSS-SECTIONAL VIEW OF AIR FLOW CONTROL VALVE 123 FROM THE DIRECTION OF ITS ROTATIONAL AXIS)

## (1) REGION OF VELOCITY A



## (2) REGION OF VELOCITY B

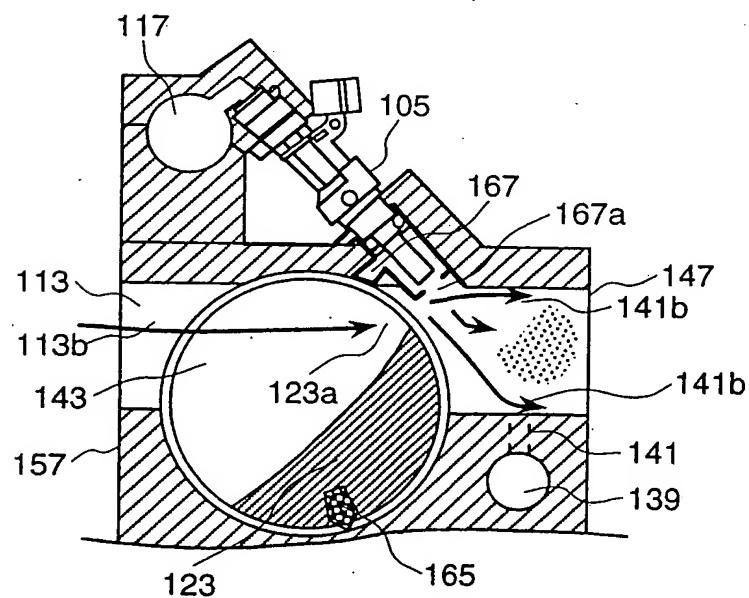
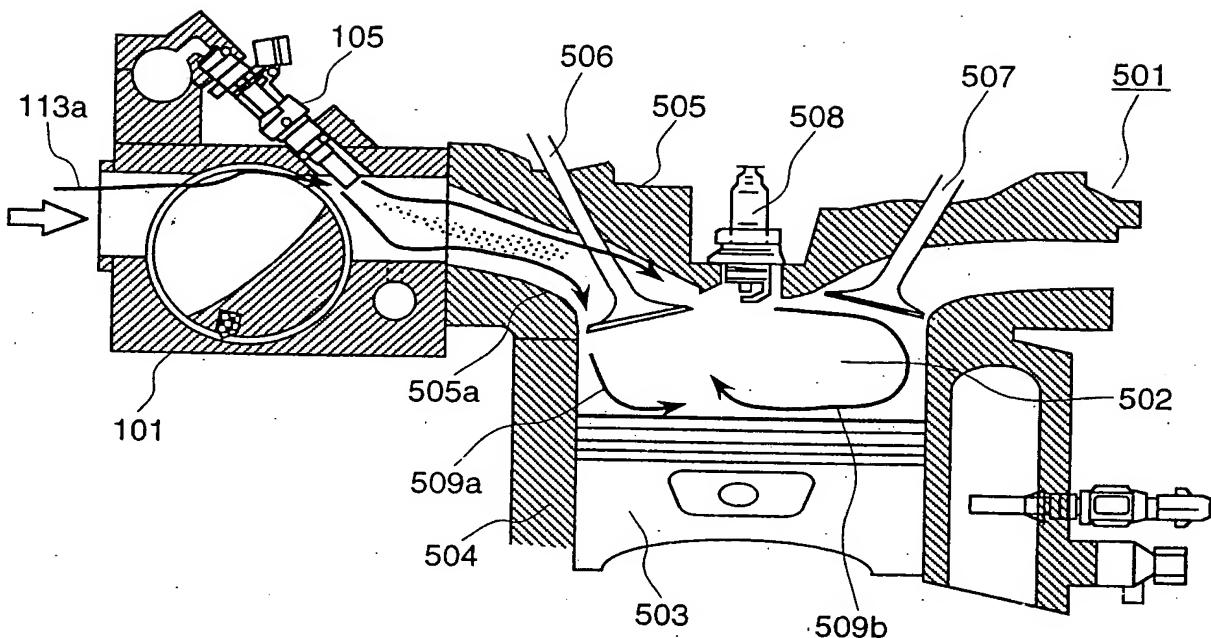




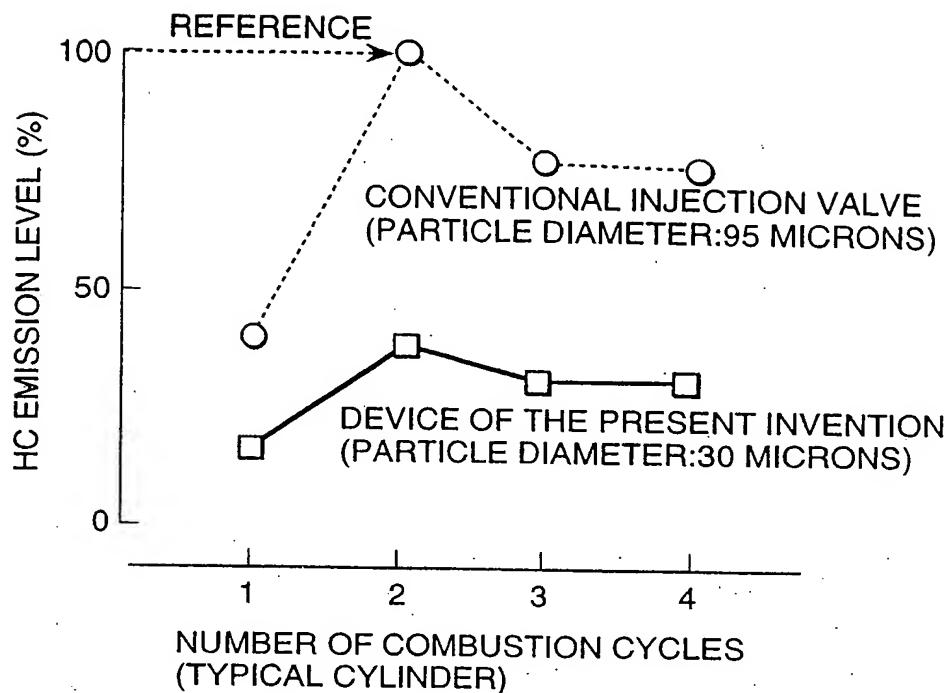
FIG. 38



FUEL IS PREFERABLY INJECTED TOWARDS THE  
WALL SURFACE OF THE CYLINDER HEAD IN  
IMMEDIATE FRONT OF THE AIR INLET VALVE.  
HEREBY, THE FUEL IS PULLED TO THE TOP WALL  
SIDE BY AIR STREAM.

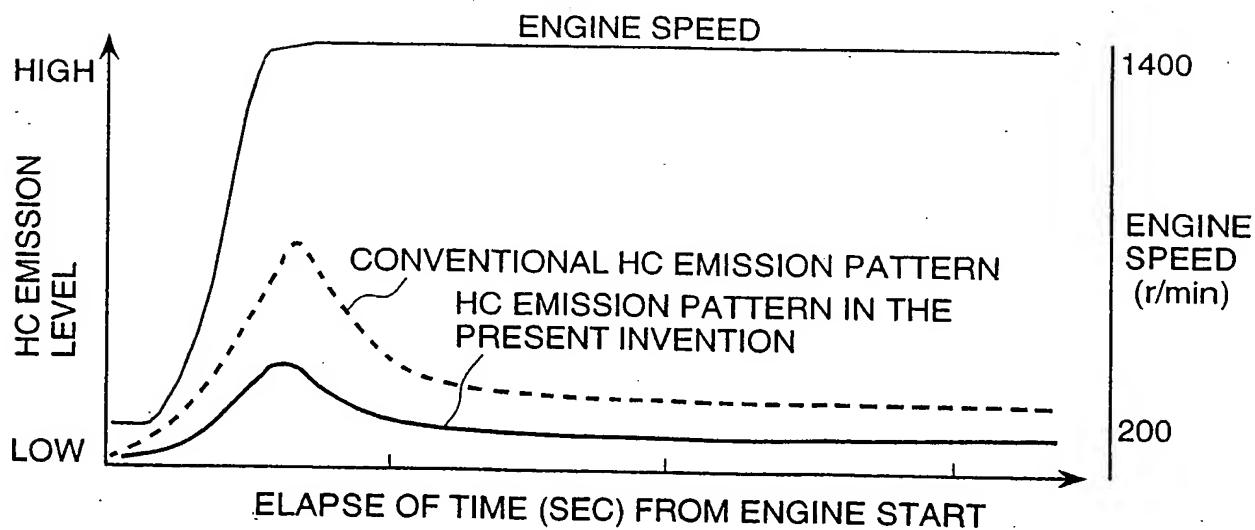


FIG. 39



(A SECOND HC EMISSION LEVEL IS TAKEN AS REFERENCE)

FIG. 40



(COMPARISONS DURING 20 SECONDS FROM START TO FIRST IDLING)